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23430 7590 06/07/2004

GEORGE A LEONE, SR
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George A. Leone (Depositor's name)
George A. Leone (Signature)
7/14/2004 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/660,417	09/11/2003	Calvin T. Candland	21906US	5810

TITLE OF INVENTION: OBTURATOR FOR LARGE CALIBER SMOOTH BORE AMMUNITION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	09/07/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
SEMUNEGUS, LULIT	3641	102-526000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47: Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

George A. Leone
 1. George A. Leone
 2. _____
 3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

ALLIANT TECHSYSTEMS INC. EDINA, MN

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee
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- ☐ A check in the amount of the fee(s) is enclosed.
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(Authorized Signature)

(Date)

George A. Leone7/14/2004

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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PTOL-85 (Rev. 11/03) Approved for use through 04/30/2004.

OMB 0651-0033

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Fax Cover Sheet

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Company: George A. Leone & Associates
Fax Number: 1-763-754-5943
Voice : 763-767-2762

Pages : 3

Subject : AN 10/660,417 issue fee

Message:

Mail Stop Issue Fee
Commissioner for Patents
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AN 10/660,417 issue fee, pub. fee and advance copies to be charged to deposit account 01-0481 of Alliant Techsystems Inc.

PART-B- FEES TRANSMITTAL and extra copy is submitted herewith.

See attached forms.

George A. Leone
Reg. No. 30,567
cc: Debbie Ledbeter, Alliant Techsystems Inc.